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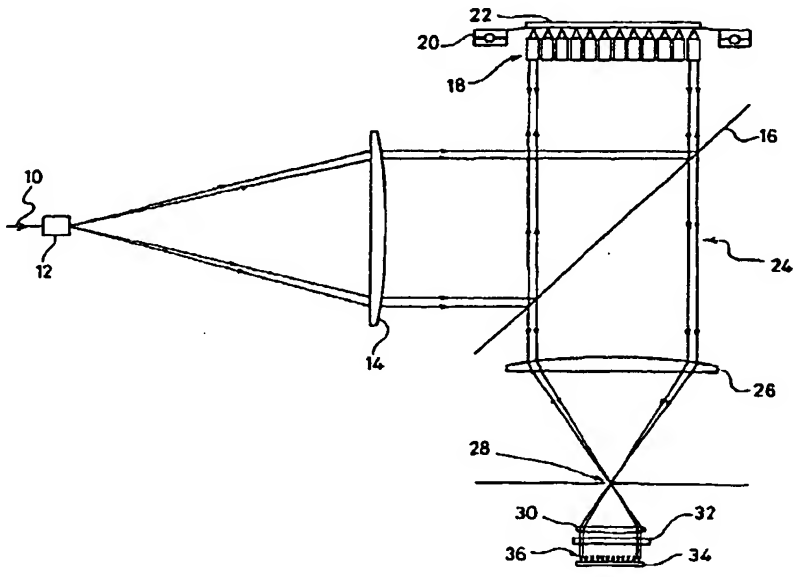

(57) Abstract: A method and apparatus for the measurement of radiation, especially fluorescence from samples in assays, wherein a plurality of micro-sample light emitting sites are imaged simultaneously onto a detector array by a plurality of miniature objectives, one for each sample site and focussed thereon, producing parallel beams of light arranged in parallel and spaced apart, which beams are focussed at a pinhole aperture and then reconstituted as parallel beams for incidence on the detector array.

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